

Product datasheet for **TP510009**

Gfpt2 (NM_013529) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutamine fructose-6-phosphate transaminase 2 (Gfpt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210009 protein sequence Red =Cloning site Green =Tags(s)

MCGIFAYMNYRVPKTRKEIFETLIRGLQRLEYRGYDSAGVAIDGNNHEVKERHIHLVKKRGKVKALDEEL
YKQDSMDLKVEFETHFGIAHTRWATHGVPNAVNSHPQRSDDKNEFVVIHNGIITNYKDLRKFLESKGYEF
ESETDTETIAKLIKYVFDNRETDITFSTLVERVIQQLEGAFALVFKSIHYPGEAVATTRGSPLLIGVRS
KYKLSTEQIPVLYPTCNIENVKNICKTRMKRLDSSTCLHAVGDKAVEFFASDASAIIEHTNRVIFLEDD
DIAAVADGKLSIHRVKRSATDDPSRAIQTLMELQQIMKGNFSAFMQKEIFEQPEVSFNTMRGRVNFETN
TVLLGGLKDHLEIRRCRLVIGCGTSYHAAVATRQVLEELTELPVMVELASDFLDRNTPVFRDDVCFE
ISQSGETADTLLALRYCKDRGALTVGITNTVGGSSISRETDGCVHINAGPEIGVASTKAYTSQFISLVMFG
LMMSEDRISLQNRQEIIRGLRSLPELIKEVLSLDEKIHDLALELYTQRSLVMGRGYNATCLEGALKI
KEITYMHSEGILAGELKHGPLALVDKQMPVIMVIMKDPFAKQNALQQVTARQGRPIILCSKDDTESSK
FAYKTIELPHTVDCLQGILSVIPLQLLSFHLAVLRGYDVFPRNLAKSVTVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	77 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_038557
Locus ID:	14584
UniProt ID:	Q9Z2Z9 , Q3V0X4
RefSeq Size:	2986
Cytogenetics:	11 29.9 cM
RefSeq ORF:	2049
Synonyms:	AI480523; GFAT2
Summary:	Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins.[UniProtKB/Swiss-Prot Function]